

Attachment B

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Forensic Scientist 3

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Employment:

2017 – Present: Washington State Patrol, Crime Laboratory Division, Latent Prints Section.

- Forensic Scientist 3

1999 – 2017: Spokane County Sheriff's Office, Forensic Unit.

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| • Forensic Unit Supervisor | 2015 – 2017 |
| • Forensic Lead Specialist: | 2010 – 2015 |
| • Forensic Specialist: | 2001 – 2010 |
| • Forensic Technician: | 1999 – 2001 |

Education:

1999: Eastern Washington University Graduate

- BA Degree in Criminal Justice

Certifications:

2011 – 2021: Certified Crime Scene Investigator, International Association for Identification, Certificate #2881

- 2016 – 2021 Recertified

2008 – Present: Certified Latent Print Examiner, International Association for Identification, Certificate #LP1588/08-31

- 2018 – 2023 Recertified
- 2013 – 2018 Recertified

Forensic Proficiency Testing

March 2022: Latent Print Examination Proficiency Test (Collaborative Testing Services, Inc.)

March 2021: Latent Print Examination Proficiency Test (Collaborative Testing Services, Inc.)

November 2020: Latent Print Processing Proficiency Test (Collaborative Testing Services, Inc.)

March 2020: Latent Print Examination Proficiency Test (Collaborative Testing Services, Inc.)

March 2019: Latent Print Examination Proficiency Test (Collaborative Testing Services, Inc.)

March 2018: Latent Print Examination Proficiency Test (Collaborative Testing Services, Inc.)

November 2016: Friction Ridge Examination Proficiency Test (Ron Smith and Associates Test)

December 2015: Friction Ridge Examination Proficiency Test (Ron Smith and Associates Test)

December 2014: ABIS Proficiency Test (Spokane County Sheriff's Office Forensic Unit)

November 2014: Friction Ridge Examination Proficiency Test (Collaborative Testing Services, Inc.)

Testimony:

Qualified expert witness, in the State of Washington, in the forensic fields of latent fingerprints and crime scene investigation in Federal, Superior and Juvenile courts.

Memberships:

2003 – Present: Member, International Association for Identification International Division, Member #19413

2003 – Present: Member, International Association for Identification Pacific NW Division, Member #910

2003 – 2006: Member, AFIS Internet Users Group

Honors and Awards:

October 7th, 2015: Certificate of Special Congressional Recognition, Unit Merit Award

June 21st, 2012: United States Attorney's Office, Contribution to Organized Crime Drug Task Force Award

October 12th, 2011: Certificate of Special Congressional Recognition, Unit Merit Award

January 19th, 2011: Spokane County Sheriff's Office Certificate of Appreciation

Training / Presentations Instructed:

2015 FBI Homicide School, Spokane County Sheriff's Office Training Center (10-19-15)

- Crime Scene Response, Evidence Packaging, Court Testimony

2015 – 2018 Washington State Basic Law Enforcement Academy, Spokane

- Latent Fingerprint Detection and Recovery (03-18-15, 08-27-15, 03-22-16, 04-06-17, 03-23-18, 09-25-18)
- Crime Scene Photography / Crime Scene Diagramming (03-03-16, 03-21-17)

2013 Spokane Sheriff's Office Citizen's Academy (10/28/13)

- Officer Involved Shootings-Forensics

2012 – 2014 SCOPE/COPS Latent Print Team Training (02/13/12, 09/18/12, 05/09/13, 11/12/13, 04/22/14, 09-15-14)

- Latent Fingerprint Detection and Recovery

2011 – Present SPD/SCSO Field Officer Training (04-28-13, 05-20-11, 08-21-12, 01-03-13, 01-22-13, 04-25-13, 06-28-13, 08-15-13, 09-26-13, 02-18-14, 03-18-14, 04-22-14, 05-21-14, 08-06-14, 10-08-14, 12-15-14, 01-22-15, 02-24-15, 03-23-15, 05-21-15, 10-13-2015, 03-03-16, 03-22-16) and WSP Field Officer Training (08-28-18 College Place PD, 12/03/2019 Walla Walla Police Department, 05/12/2020 Cusick Police Department).

- Crime Scene Photography and Latent Fingerprint Detection and Recovery

2011 – Present Public Presentations (03-24-11 Farwell Elementary-Quest Program, 01-07-14 Boy Scout Troup 420-Fingerprinting Merit Badge, 04-25-14 Reardan High School Career Fair, 01-04-15 Student Forensic Unit Tour, 04-14-15 Leadership Spokane Tour, 05-20-15/04-06-2016 Bi-Annual Forensic Unit Tours, 02-05-16 Republican Coffee Club and WSP Laboratory Tours (01-23-18 Attorney General's Office, 03-08-18 EWU Forensic Photography Class, 04-11-18 Kamiakin High School, 06-12-18 Grand Canyon University Grad Student, 03-29-19 Washington State Association of Coroners and Medical Examiners)

- Forensic Photography, Evidence Search and Collection, Latent Fingerprint Detection and Recovery, Educational Job Requirements, Job Duties and Salaries.

2010 – 2012 Instructor for Remedy Resource Group;

- Digital Forensic Assault Photography – Basic Course (03-27-12)
- Digital Forensic Photography – Basic Course (09-30-10, 02/02/10, 02-16-11)
- Latent Fingerprint Detection – Basic Course (09-29-10)

- 2009 Adjunct instructor at Spokane Valley Fire Department Training Center (04-15-09)
- Photography and Latent Fingerprint sections of the Basic Fire Investigation Course
- 2006 Adjunct Instructor at ITT Technical Institute (Winter Quarter)
- CJ242 – Forensics and Crime Scene Investigation

Educational Conferences:

- 08/01/2021 – 08/07/2021 International Association for Identification Educational Conference.
Nashville, TN (40 hrs)
- Workshop: Making Sense of the PCAST Statistics (3 hrs)
 - Workshop: Advanced Fingerprint Pattern Interpretation (3 hrs)
- 02/19/2018 – 02/23/2018 American Academy of Forensic Sciences Annual Scientific Meeting.
Seattle, WA (40 hrs)
- Workshop: Machine Readable Technologies in Travel Identity Documents (8 hrs)
 - Special Session: Interdisciplinary Symposium; Raising the Bar in Forensic Science (4 hrs)
 - Breakfast: The Lawyers Always Win (1.5 hrs)
 - Luncheon: Understanding the Impact of Human Factors on Forensic Science; Case Studies in Fingerprint and Handwriting Examination (1.5 hrs)
- 08/06/2017 – 08/12/2017 International Association for Identification Educational Conference.
Atlanta, GA (40 hrs)
- Workshop: Latent Print Training Programs – Building Your Lab's Future (4 hrs)
 - Workshop: What If I Don't Agree? Approaches to Conflict Resolution in Latent Print Analysis (4 hrs)
 - Workshop: Standing on the Cutting Edge of Forensic, Taking Steps Towards the Future (4 hrs)
- 08/02/2015 – 08/05/2015 International Association for Identification Centennial Educational Conference.
Sacramento, CA (40 hrs)
- Workshop: Complex Comparisons: When To Pull the Trigger and When To Pull the Plug (4 hrs)
 - Workshop: Reducing Erroneous Exclusions Workshop (4 hrs)
 - Workshop: Documentation: Obscurity to Absurdity (4 hrs)
 - Workshop: Distortion: Analysis and Discussion (Effect and Cause) (2 hrs)
 - Workshop: Latent Print Direct Testimony-Lying the Foundation For Your Expert Testimony (4 hrs)
 - Workshop: Latent Print Cross-Examination Testimony – Defending Your Expert Opinion (4 hrs)
 - Workshop: Contemporaneous Bench Notes: Developing a Reasonable Minimum Standard (4 hrs)
- 06/11/2014 – 06/13/2014 Pacific Northwest Division, International Association for Identification Educational Conference. Coeur d'Alene, ID (15.5 hrs)
- Workshop: Comparison of Plantar Friction Ridge Impressions (4 hrs)
 - Workshop: Forensic Identification (4 hrs)
 - Workshop: Understanding Probability, Statistics, and their Application to Impression Evidence (3.75 hrs)
 - Workshop: Standardization of Latent Print "Suitability" (3.75 hrs)

08/05/2013 – 08/09/2013	International Association for Identification Educational Conference. Providence, RI (40 hrs) <ul style="list-style-type: none">• Workshop: Latent Print Testimony (4 hrs)• Workshop: Investigating the Concept of Sufficiency in Latent Print Examination (4 hrs)• Workshop: Articulating the Mental Comparison Process of Fingerprint Examination (4 hrs)• Workshop: Thermal Paper, Regular Paper...What's the Big Deal (2 hrs)
07/11/2010 – 07/17/2010	International Association for Identification Educational Conference. Spokane, WA (40 hrs) <ul style="list-style-type: none">• Workshop: How Much is Enough: Exploring "Of Value" Decisions and Borderline Latent Prints (2 hrs)• Panel Participant: Examiner Disagreement, A Roundtable Discussion
08/07/2005 – 08/13/2005	International Association for Identification Educational Conference. Dallas, TX (40 hrs) <ul style="list-style-type: none">• Workshop: Effective Expert Witness Testimony (8 hrs)
05/17/2005 – 05/20/2005	Pacific Northwest Division, International Association for Identification Conference Spokane, WA (40 hrs) <ul style="list-style-type: none">• Workshop: Special Topics for Crime Scene Examination (4 hrs)• Workshop: Forensic Identification Techniques (16 hrs)

Formal Training Received:

09/29/2021	Managing Cognitive Bias in Friction Ridge Examinations (3 hours via webinar) <ul style="list-style-type: none">• Defining bias and identifying sources of bias• Research and case studies• De-biasing techniques
06/01/2021	Common Sense Digital Imaging for Latent Print Examiners (16 hrs via webinar) <ul style="list-style-type: none">• Basic and area specific enhancements• Image calibration• Adobe Photoshop settings
05/21/2021	Ethical Considerations in Latent Print Examination and Testimony (4 hrs via webinar) <ul style="list-style-type: none">• Ethical standards in Forensic Science• Ethical standards in the Courtroom• OSAC and IAI recommendations
04/22/2021	Beyond the Discriminating Power of Friction Ridge Arrangements (4 hrs via webinar) <ul style="list-style-type: none">• Developmentally stable features vs. developmentally noisy features• Specificity and its relation to suitability and sufficiency• Different regions of the fingers/palms and the influence on minutiae density, orientation, and arrangements
06/17/2020	Tonal Transitions: Causes and Visual Effects (4 hrs via webinar) <ul style="list-style-type: none">• Three dimensional features of the friction ridge skin• Latent print residue components and distribution• Variation in ridge and furrow appearance
09/16/2019 – 09/18/2019	Practical Answers to Challenging Questions in the Courtroom (24 hrs) <ul style="list-style-type: none">• Utilizing research and standards in the courtroom• Evidence accuracy in the courtroom

08/09/2016	New Paradigm Fingerprint Reporting – Archival (1 hr) <ul style="list-style-type: none"> • Paradigm shift in fingerprint results reporting
03/09/2015 – 03/11/2015	On-Target Solutions for Superiors <ul style="list-style-type: none"> • Effective Leadership Principles • Coaching/Guiding/Directing
10/20/2014 – 10/23/2014	Understanding Exclusion and Sufficiency Decisions (32 hrs) <ul style="list-style-type: none"> • Sufficiency • Research on Erroneous Identifications/Exclusions • Comparison Complexities
11/11/2013 – 11/15/2013	Scientific Analysis (ACE-V): From the Laboratory to the Witness Stand (40 hrs) <ul style="list-style-type: none"> • Scientific Principles • Sufficiency • Pattern Evidence Articulation
11/05/2012 – 11/09/2012	Statistics, Rideology and ACE-V (40 hrs) <ul style="list-style-type: none"> • Statistics and probabilities • Introductions to statistical models • Understanding of the relevance of statistics and probabilities in regards to Forensic Science
04/17/2012 –04/19/2012	Examination of Simultaneous Impressions (24 hrs) <ul style="list-style-type: none"> • History • Court Cases • Processing/developing/lifting impressions • Impression Packets
03/19/2012 – 03/23/2012	WSCJTC Instructor Development 1 (40 hrs) <ul style="list-style-type: none"> • Effective Instruction Methods • Adult Learning Principles • Theory and Skill Presentations
10/18/2010 – 10/20/2010	Advanced Palm Print Comparison Techniques (24 hrs) <ul style="list-style-type: none"> • Search Clues • Comparisons • Ridge Flow and Crease Information
07/27/2010 – 07/29/2010	MCTC Trial Preparation, Presentation and Testimony (24 hrs) <ul style="list-style-type: none"> • Case Law • Preparation and Presentation Techniques • Moot Courts
06/02/2010 – 06/03/2010	Complex Latent Sufficiency (16 hrs) <ul style="list-style-type: none"> • Break-down of Analysis Phase • Identification/Exclusion/Inconclusive • Comparison of Complex Latents
05/17/2010 – 05/21/2010	Post Blast Investigations (40 hrs) <ul style="list-style-type: none"> • Explosive Devices and Components • Post-Blast Search Techniques • Bomb Reconstruction
08/04/2009 – 08/06/2009	Video Techniques for Law Enforcement (24 hrs)

05/14/2009 – 05/15/2009	Analysis of Distortion in Latent Prints (16 hrs) <ul style="list-style-type: none">• Distortion Effects• Latent Analysis of Distortion• Embryology
05/12/2008 – 05/16/2008	Advanced ACE-V Applications (40 hrs) <ul style="list-style-type: none">• Principles of Ridgeology• Principles of ACE-V Methodology• Latent Print Comparison• Probability and Statistics
04/25/2006 - 05/04/2006	Adobe Photoshop Elements (12 hrs) <ul style="list-style-type: none">• Adobe Photoshop basics• Creating Slide Shows• Working with layers• Organizing digital files
03/13/2006 – 03/14/2006	WSCJTC DNA Evidence Identification, Collection and Preservation (16 hrs) <ul style="list-style-type: none">• Crime Scene Preservation/Packaging• Laboratory Analysis• Reading Results of Laboratory Analysis
04/05/2005 – 04/06/2005	Scientific Analysis (15 hrs) <ul style="list-style-type: none">• History/Definition/Requirements of science• Scientific Methodology• Daubert Requirements
10/21/2003 – 10/24/2003	WSCJTC Violent Crime Investigation (24 hrs) <ul style="list-style-type: none">• DNA/Codis• Latents/AFIS• Prosecutorial• Medical Examiner/Archeologist
04/21/2003 – 04/25/2003	Bloodstain Pattern Analysis (40 hrs) <ul style="list-style-type: none">• Interpretation and Evaluation• Triangulation and Documentation• Testing
06/2001 – 03/2003	Comprehensive Training Program (21 months) <ul style="list-style-type: none">• Crime Scene Investigation• Photography• Fingerprint Comparison• Processing Techniques
10/08/2003 – 10/10/2003	Palm Print Comparison (24 hrs) <ul style="list-style-type: none">• Position orientation• Search and Comparison
10/06/2003 – 10/07/2003	Courtroom Testimony Techniques (16 hrs)
10/07/2002 – 10/11/2002	Ridgeology Science Workshop (40 hrs) <ul style="list-style-type: none">• Comparison Methodology• Latent Fingerprint Comparisons (6,720)

08/26/2002 – 08/30/2002	Basic Crime Scene Investigations (40 hrs) <ul style="list-style-type: none">• Crime Scene Search• Evidence Collection• Photography
06/14/2001	WSP Fingerprint Rolling Techniques (3.5 hrs)
05/01/2000 – 05/05/2000	FBI Basic Fingerprint Course (40 hrs) <ul style="list-style-type: none">• Classification• Latent Fingerprint Comparison

Additional SCSO In-Service Training Received:

2003 – 2017	Forensic Unit In-Service Trainings: Various Topics, Certificates Available Upon Request
09/2010	First Line Academy, Leadership Training (16 hrs)
2008	Advanced Latent Comparison Packets (9,180 comparisons)
2004/2008	Basic Latent Comparison Packets (13,479 comparisons)
02/2003	FBI Palm Print/Joint Comparison Packet (44 comparisons)
02/2003	Exemplar-to-Latent Comparison Training (44 comparisons)
02/2003	Latent Palmprint Comparison Training (44 comparisons)
12/2002	Tenprint Tracing Training (202 tracings)
05/2002	Tenprint Comparison Training (690 comparisons)
10/2001	Forensic Photography (12 hrs)
10/2000	Henry Fingerprint Classification and Filing (15 hrs)